

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Han Min JUNG</td> <td>06/01/2012</td> </tr> <tr> <td>Pyung KIM</td> <td>05/31/2012</td> </tr> <tr> <td>Seung Woo LEE</td> <td>05/31/2012</td> </tr> <tr> <td>Mi Kyoung LEE</td> <td>05/31/2012</td> </tr> <tr> <td>Dong Min SEO</td> <td>05/31/2012</td> </tr> <tr> <td>Won Kyung SUNG</td> <td>05/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Han Min JUNG	06/01/2012	Pyung KIM	05/31/2012	Seung Woo LEE	05/31/2012	Mi Kyoung LEE	05/31/2012	Dong Min SEO	05/31/2012	Won Kyung SUNG	05/31/2012
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<table border="1"> <tr> <td>Name:</td> <td>KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY INFORMATION</td> </tr> <tr> <td>Street Address:</td> <td>52 Eoeun-dong, Yuseong-gu</td> </tr> <tr> <td>City:</td> <td>Daejeon</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>305-806</td> </tr> </table>		Name:	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY INFORMATION	Street Address:	52 Eoeun-dong, Yuseong-gu	City:	Daejeon	State/Country:	KOREA, REPUBLIC OF	Postal Code:	305-806				
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13477238</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13477238										
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Application Number:	13477238														
CORRESPONDENCE DATA															
Fax Number:	7038541332														
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ATTORNEY DOCKET NUMBER:	P10481US														

NAME OF SUBMITTER:

Taeksoo Lee

Total Attachments: 2

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ASSIGNMENT

WHEREAS, Han Min JUNG, a citizen of Republic of Korea, whose post office address is 111-1404, Hanbit Apt., 99, Eoeun-dong, Yuseong-gu, Daejeon, Republic of Korea, Pyung KIM, a citizen of Republic of Korea, whose post office address is 604-1304, Banseokmaeul Apt., Banseok-dong, Yuseong-gu, Daejeon, Republic of Korea, Seung Woo LEE, a citizen of Republic of Korea, whose post office address is 123-801, Hanbit Apt., 99, Eoeun-dong, Yuseong-gu, Daejeon, Republic of Korea, Mi Kyoung LEE, a citizen of Republic of Korea, whose post office address is 102-402, Samsung Pureun Apt., Jeonmin-dong, Yuseong-gu, Daejeon, Republic of Korea, Dong Min SEO, a citizen of Republic of Korea, whose post office address is 101-1509, Jueun Apt., Bokdae-dong, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Republic of Korea, and Won Kyung SUNG, a citizen of Republic of Korea, whose post office address is 102-604, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon, Republic of Korea, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

NAMED ENTITY DATABASE OR MINING RULE DATABASE UPDATE APPARATUS
AND METHOD USING NAMED ENTITY DATABASE AND MINING RULE MERGED
ONTOLOGY SCHEMA

for which they have executed an application for Letters Patent for the United States in the United States Patent and Trademark Office even date herewith.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request Taeksoo Lee, Reg. No. 61,976 of the LRK Patent Law Firm, whose address is 1952 Gallows Rd., Suite 200, Vienna, Virginia 22182, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY INFORMATION, a corporation organized and existing under the laws of Republic of Korea, whose post-office address is 52 Eoeun-dong, Yuseong-gu, Daejeon, Republic of Korea, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold.

exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.


AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

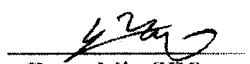
IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

 5/31/2011
Han Min JUNG Date

78780 5/31/2011
Pyung KIM Date

 5/31/2011
Seung Woo LEE Date

 5/31/2011
Mi Kyung LEE Date

 5/31/2011
Dong Min SEO Date

 5/31/2011
Won Kyung SUNG Date

Witnessed by:

Date

Date